HIGH SCHOOL DUAL ENROLLMENT PROGRAM

GET A JUMP START ON COLLEGE!!
HANDBOOK FOR HIGH SCHOOL COUNSELORS AND PRINCIPALS

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I. Dual Enrollment Defined

Dual Enrollment is a “locally administered program that allows a secondary student to concurrently enroll in postsecondary courses and to receive both secondary and postsecondary credit for that coursework. The local programs are run through partnerships between school entities and eligible postsecondary institutions.”

Overview of Dual Enrollment at Penn State Harrisburg

a. The student is a high school junior (spring semester) or senior, no exceptions for sophomores or freshmen.
b. The student is making satisfactory progress toward fulfilling applicable secondary school graduation requirements, as determined by the school district.
c. The student fulfills the requirements for special admission to Penn State as defined by Administrative Policy A-9 governing Experimental Admissions Programs (http://www.psu.edu/oue/aappm/).
d. The student demonstrates readiness for college-level coursework in the intended area of study. High schools should develop a screening process to determine if/when students are appropriate for the program. As relevant, Penn State will determine readiness based on placement exam decisions.
e. In order to remain in the program, the student must maintain a successful secondary school grade-point average as determined by the school district as well as a grade of C or better in each dual enrolled course at PSU.
f. All high school students applying for enrollment in Penn State credit courses must be reviewed and approved by the Undergraduate Admissions Office or campus admissions officer at the particular Penn State location.
g. High school students taking Penn State credit courses are enrolled as nondegree students and are subject to the normal restrictions (such as space-available enrollment and term-to-term renewal status) placed on such students.
h. High school students may enroll for a maximum of 8 credits in either semester or the summer session.
i. Individual student credit loads and course selection are subject to approval by the coordinator for advising high school students at Penn State Harrisburg.
j. Course selections are not final and students may be asked to select alternate courses.
k. High School Dual Enrollment students will not be officially registered for classes until regularly enrolled degree seeking students have registered. The approximate date is August 1st for fall, December 1st for spring, and April 1st for summer.

II. The Admissions Process

1. Contact the Penn State Harrisburg Admissions Office to submit the following documents for each student by June 1st for fall semester, November 1st for spring semester, and March 1st for summer semester:
a. Penn State high school dual enrollment form  
  b. Current official high school transcript  
  c. SAT, ACT, PSAT, or PSSA scores  
  d. Course selection sheet  
  e. Letter of recommendation from a counselor or principal in support of the student’s enrollment at Penn State

2. Students will receive notification of the admission decision along with the next steps in the admission/registration process. For students accepted into the program, information regarding course scheduling and orientation will follow shortly after the admissions decision.

3. Admission into the high school dual enrollment program is not guaranteed and selected courses are not guaranteed.

III. **Course Registration and Placement Testing**

1. Interested students should meet with their school counselor to select from the Penn State courses established on the schedule of courses at [schedule.psu.edu](http://schedule.psu.edu)

2. After meeting with all participating students the high school counselor will forward the course selection sheet by (June 1st for fall enrollment, December 1st for spring enrollment, and March 1st for summer enrollment) to JoVon Hill, Admissions Counselor/High School Dual Enrollment Coordinator.

3. For students who request to take a course in Math or Chemistry, they will be instructed by the Division of Undergraduate Studies on how to complete the appropriate Penn State placement test. **Math and Chemistry course selections are due two weeks earlier to set-up the placement examination. English 015 requires official SAT scores.**

4. In each subsequent semester, students are required to meet with their high school counselor to make appropriate course selections and then forward their selections to the High School Dual Enrollment Coordinator.
IV. General Education Course Selections

PENN STATE HARRISBURG
HIGH SCHOOL DUAL ENROLLMENT PROGRAM
GENERAL EDUCATION COURSES

What are General Education Courses?
The Pennsylvania State University requires students to take courses during the freshman and sophomore years to prepare them for coursework in their intended major. Penn State has 45 credits of general education requirements that must be met in order to receive a degree from the university. These requirements include 9 credits in Writing and Speaking (GWS), 9 credits in Natural Science (GN), 6 credits in Quantification/Math (GQ), 6 credits in Arts (GA), 6 credits in Humanities (GH), 6 credits in Social and Behavioral Science (GS), and 3 credits in Health and Physical Activity (GHA). College credits earned in these areas are applicable at The Pennsylvania State University. Below are the general education courses that High School Dual Enrollment students may schedule at Penn State Harrisburg.

***Placement is not guaranteed.
***Not all courses are available each semester.
***Course descriptions can be found at: http://bulletins.psu.edu/undergrad/courses/
***Course schedules can be found at: http://schedule.psu.edu/

Writing and Speaking (GWS)

CAS 100: Effective Speech (3) Introduction to speech communication: formal speaking, group discussion, analysis and evaluation of messages.

English 015: Rhetoric and Composition (3) Instruction and practice in writing expository prose that shows sensitivity to audience and purpose. (SAT SCORES REQUIRED)

Natural Sciences (GN)

ANTH 021: Introductory Biological Anthropology - The role of human biology and evolution in culture, society, and behavior.

ANTH 022: Humans as Primates (3) The biological basis of human behavior within the context of primate biology, behavior, and evolution.

ASTRO 001: Astronomical Universe (3) The development of modern understanding of the astronomical universe from planets and stars to galaxies and cosmology. Students who have passed ASTRO 005, ASTRO 006, or ASTRO 010 may not take this course for credit.

ASTRO 005: The Sky and Planets (3) The development of our modern understanding of the visible sky and planetary systems. Students who have passed ASTRO 001 or ASTRO 010 may not take this course for credit.
ASTRO 006: Stars, Galaxies, and the Universe (3) The development of our modern understanding of stars, galaxies, and the astronomical universe. Students who have passed ASTRO 001 or ASTRO 010 may not take this course for credit.

ASTRO 010: Elementary Astronomy (2) Introductory survey of modern astronomy from planets and stars to galaxies and the universe. Students who have passed ASTRO 001, ASTRO 005, or ASTRO 006 may not take this course for credit. Students may not receive General Education credit for ASTRO 010 unless they also take ASTRO 011.

ASTRO 011: Elementary Astronomy Laboratory (1) Selected experiments and explorations to illustrate major astronomical principles and techniques. Telescope observations of planets, stars and nebulae.

ASTRO 120: The Big Bang Universe (3) Exploration of cosmology, birth, and ultimate fate of the universe; origin of galaxies, quasars, and dark matter.

ASTRO 130: Black Holes in the Universe (3) The predicted properties of black holes and the astronomical evidence for their existence are investigated in the context of modern ideas about space, time, and gravity.

ASTRO 140: Life in the Universe (3) The problem of the existence of life beyond Earth is investigated, drawing from recent research in astronomy and other fields.

BI SC 001: Structure and Function of Organisms (3) An exploration of how cellular structures and processes contribute to life and how life displays unity even in its diversity. Students who have passed BIOL 027, 110, or 141 may not schedule this course.

BI SC 002: Genetics, Ecology, and Evolution (3) The study of how living organisms inherit their traits, how plants and animals evolved, and how they now interact. Students who have passed BIOL 033, 110, 220W, or 222 may not schedule this course.

BI SC 003: Environmental Science (3) Kinds of environments; past and present uses and abuses of natural resources; disposal of human wastes; prospects for the future.

BI SC 004: Human Body: Form and Function (3) A general survey of structure and function--from conception, through growth and reproduction, to death. Students who have passed BIOL 129 and 141 may not schedule this course.

BIOL 011: Introductory Biology I (3) An introduction to fundamental biological topics (including cells, energy transduction, genetics, evolution, organismal structure/function, ecology) for non-majors biology-related fields.

BIOL 012: Introductory Biology II (1) Laboratory exercises demonstrating principles of biology.

BIOL 110: Biology: Basic Concepts and Biodiversity (4) A study of the evolution of the major groups of organisms including the fundamental concepts of biology.

BIOL 120: Plants, Places, and People (3) Useful and dangerous plants; historical (archaeological), cultural (ethnological), and economic (anthropocentric) aspects, including structural and chemical characteristics of botanical importance.
BIOL 127: Introduction to Plant Biology (3) Cellular structure and organization; physiological processes; classification; reproduction and development; relationship of plant groups.

BIOL 129: Mammalian Anatomy (4) Anatomy of a mammal, with special reference to that of man.

BIOL 133: Genetics and Evolution of the Human Species (3) Human heredity and evolution, individual and social implications.

BIOL 141: Introductory Physiology (3) Explanation of the normal structure and function of the animal body, with special emphasis on human body systems.

BIOL 155: Introduction to the Biology of Aging (3) Examination of human aging from a biological perspective. Population demographics, physiological and pathological changes, and healthy lifestyles are discussed.

BIOL 177: Biology of Sex (3) Basic structure and function of the human reproductive system. Physiology of gametogenesis, fertilization, contraception, gestation, parturition, lactation, and sexual behavior.

*CHEM 001: Molecular Science (3) Selected concepts and topics designed to give non-science majors an appreciation for how chemistry impacts everyday life. Students who have received credit for CHEM 003, 101, or 110 may not schedule this course. HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

*CHEM 003: Molecular Science With Laboratory (3) Selected concepts and topics designed to give non-science majors an appreciation for how chemistry impacts everyday life. Students who have received credit for CHEM 001, 101, or 110 may not schedule this course. HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

*CHEM 101: Introductory Chemistry (2-3) Selected principles and applications of chemistry. Prior study of chemistry is not assumed. Students may take only one course for General Education credit from CHEM 101 or CHEM 110. Students may take only one course for General Education credit from CHEM 101 GN or CHEM 110 GN. HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

*CHEM 106: Introductory and General Chemistry (5) Introductory chemistry and chemical principles for students who are required to take additional chemistry, e.g., CHEM 112, but are unprepared for CHEM 110. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken. These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

*CHEM 110: Chemical Principles I (3) Basic concepts and quantitative relations. Students may take only one course for General Education credit from CHEM 110 or CHEM 101. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken.
These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). Students may take only one course for General Education credit from CHEM 101 GN or CHEM 110 GN. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

*CHEM 111: Experimental Chemistry I (1) Introduction to quantitative experimentation in chemistry. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken. These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). Prerequisite: or concurrent: CHEM 110 or CHEM 106. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

*CHEM 112: Chemical Principles II (3) Continuation of CHEM 110, including an introduction to the chemistry of the elements. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken. These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). Prerequisite: CHEM 110 or CHEM 106. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

*CHEM 113: Experimental Chemistry II (1) Continuation of CHEM 111, with emphasis on topics related to CHEM 112. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken. These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). Prerequisite: CHEM 111. Prerequisite or concurrent: CHEM 112. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

**EARTH 002: The Earth System and Global Change (3) An interdisciplinary introduction to the processes, interactions and evolution of the earth's biosphere, geosphere and hydrosphere.**

**EARTH 100: Environment Earth (3) Natural processes and their relationship to anthropogenic influences. General principles of global cycles and the role they play in natural hazards, global warming, ozone depletion, etc.**

**EARTH 101: Natural Disasters: Hollywood vs. Reality (3) Analysis of the causes and consequences of natural disasters; comparison of popular media portrayal of disasters with perspective from scientific research.**

**EARTH 103: Earth in the Future: Predicting Climate Change and Its Impacts Over the Next Century (3) Climate predictions for the coming century are utilized to examine potential impacts on regions, sectors of society, and natural ecosystems.**

**EARTH 105: Environments of Africa: Geology and Climate Change (3) Significant natural features of Africa as related to human endeavor; case studies include the Nile, climate change, and natural resources.**
EARTH 106: The African Continent: Earthquakes, Tectonics and Geology (3) Study of earthquakes and seismic waves to learn about the geology and plate tectonics of the African continent.

EARTH 111: Water: Science and Society (3) Investigation of water behavior and occurrence, its relevance to life, human activities, politics, and society.

EARTH 150: Dinosaur Extinctions and Other Controversies (3) Dinosaur extinctions and other major and controversial events in the history of life.

FRNSC 100: Introduction to Forensic Science (3) Introduction forensic science.

GEOG 010: Physical Geography: An Introduction (3) Survey and synthesis of processes creating geographical patterns of natural resources, with application of basic environmental processes in resource management.

GEOG 110: Climates of the World (3) Introduction to climatology, including principal processes of the global climatic system and their variation over space and time.

GEOG 111: Biogeography and Global Ecology (3) Distribution of plants and animals on global, regional, and local scales; their causes and significance.

GEOG 115: Landforms of the World (3) Distribution of the world's landform features and mineral resources; their characteristics, causes, and significance. Practicum includes correlated field trips and laboratory studies.

GEOSC 002: Historical Geology (3) History of the earth and its life; fundamentals of evolution, correlation, and paleogeography; practicum includes field trips, study of geologic maps, geologic problems, and fossils, with emphasis on Appalachian geology. (This course includes from one to several field trips for which an additional charge will be made to cover transportation.) This course contains from one to several field trips for which an additional charge will be made to cover transportation.

GEOSC 010: Geology of the National Parks (3) Introduction to geology, geological change, and environmental hazards, as seen in the National Parks.

GEOSC 020: Planet Earth (3) Nontechnical presentation of earth processes, materials, and landscape. Practicum includes field trips, study of maps, rocks, and dynamic models, introduction to geologic experimentation. (This course includes from one to several field trips for which an additional charge will be made to cover transportation.) This course contains from one to several field trips for which an additional charge will be made to cover transportation.

GEOSC 021: Earth and Life: Origin and Evolution (3) Introduction to the origin and evolution of life on Earth from the perspective of geologic time and the fossil record. This course contains from one to several field trips for which an additional charge will be made to cover transportation.

GEOSC 040: The Sea Around Us (3) Introduction to marine sciences and the world ocean, including physical, chemical, biological, and geological aspects of oceanography.
GEOSC 109: **Earthquakes and Society** (3) Introduction to earthquakes and seismology, and their relationship to society, including monitoring for nuclear weapons and seismic hazards.

GEOSC 110: **The Science of Gemstones** (3) An exploration of the geological uses of gems and of the physical and chemical properties underlying their brilliance and color.
Prerequisite: high school chemistry and trigonometry

GEOSC 111: **Forensic Geoscience** (3) Covers fundamental geoscience concepts such as stratigraphy, mineral and soil identification, seismology, and geochemistry within the context of forensic investigation.

HORT 101: **Horticultural Science** (3) Introduction to horticulture with emphasis on plant domestication, morphology, classification, world food crops, commodities, gardens, propagation, and agrochemicals.

HORT 150: **Plants in the Human Context** (3) An introduction to the many fascinating and vital relationships between plants and human society.

INART 050: **The Science of Music** (3) Waves, physics of sound, hearing, musical scales, musical instruments, and room acoustics.

MATSE 081: **Materials in Today's World** (3) A survey of the properties, manufacture, and uses of polymers, ceramics and metals in today's world with emphasis on modern developments and new materials.

MATSE 091: **Polymers, Life and Society** (3) An exploration of the science and use of polymer materials and their impact on society using a case study approach.

MATSE 101: **Energy and the Environment** (3) Energy utilization and technological development, energy resources, conversion and consequences on the local and global environment, and future energy alternatives.

*MATSE 112: **Applied Materials Chemistry for Engineers*** (3) Chemistry of materials with emphasis on intermolecular forces between atoms, molecules, ions, and dense materials and inorganic and organic physical chemistry. In most majors, this course is not a substitute for CHEM 013 or CHEM 112. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

METEO 002: **Our Changing Atmosphere: Personal and Societal Consequences** (3) A survey of meteorology emphasizing how the nature of our lives, individually/societally, depends upon atmospheric structure, quality, and processes.

METEO 003: **Introductory Meteorology** (3) Nontechnical treatment of fundamentals of modern meteorology and the effects of weather and climate. A student who took METEO 002 may take the laboratory part of this course for 1 credit only.

METEO 004: **Weather and Risk** (3) Non-technical introduction to the science and historical development of meteorology, and the role of weather forecasting as a tool for risk management by individuals, businesses, and societies.
METEO 005: Severe and Unusual Weather (3) Non-technical introduction to the physical processes important in the formation of various severe and unusual weather phenomena.

METEO 101: Understanding Weather Forecasting (3) Fundamental principles of synoptic and physical meteorology, satellite and radar imagery, and data analysis in the setting of mid-latitude weather forecasting.
METEO 122: Atmospheric Environment: Growing in the Wind (3) Students will learn about the effect of weather on plants, animals, and humans.

MICRB 106: Elementary Microbiology (3) Importance of microorganisms in health and disease, agriculture, and industry; descriptive course for students not planning advanced study in microbiology. The combination of MICRB 106 GN and 107 GN must be taken to receive General Education credit in biology. Students must take a combination of MICRB 106 GN and 107 GN to receive General Education credit in biology.

MICRB 107: Elementary Microbiology Laboratory (1) Selected techniques used to observe, identify and count bacteria; effects of chemical and physical agents on microorganisms. The combination of MICRB 106 GN and 107 GN must be taken to receive General Education credit in biology. Students must take a combination of MICRB 106 GN and 107 GN to receive General Education credit in biology.

PHYS 001: The Science of Physics (3) Historical development and significance of major concepts, with emphasis on the nature of physics and its role in modern life. (For students in non-mathematical fields.)

*PHYS 150: Technical Physics I (3) Elementary treatment of topics in mechanics, heat, wave motion, and sound leading toward an understanding of technical applications. HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

*PHYS 151: Technical Physics II (3) Elementary treatment of topics in electricity, light, and modern physics leading toward an understanding of technical applications. HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

Quantification/Math (GQ)
MATH 017: Finite Mathematics (3) Introduction to logic, sets, probability.

MATH 018: Elementary Linear Algebra (3) Linear functions; systems of equations; matrices; linear programming.

MATH 021: College Algebra I (3) Quadratic equations; equations in quadratic form; word problems; graphing; algebraic fractions; negative and rational exponents; radicals. HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

MATH 022: College Algebra II and Analytic Geometry (3) Relations, functions, graphs; polynomial, rational functions, graphs; word problems; nonlinear inequalities; inverse functions; exponential, logarithmic functions; conic sections; simultaneous equations. HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST
PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

MATH 026: **Plane Trigonometry** (3) Trigonometric functions; solutions of triangles; trigonometric equations; identities. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

MATH 030: **Problem Solving** (3) Concepts in problem solving; reducing new problems to old ones; techniques for attacking problems; building mathematical models.

MATH 034: **The Mathematics of Money** (3) Simple interest, simple discount, compound interest, annuities, investments, retirement plans, taxes, credit cards, and mortgages.

MATH 035: **General View of Mathematics** (3) Survey of mathematical thought in logic, geometry, combinatorics, and chance.

MATH 036: **Insights Into Mathematics** (3) Examples of mathematical applications in many areas including voting theory, fair division, apportionment, and Euler and Hamilton circuits.

MATH 040: **Algebra, Trigonometry, and Analytic Geometry** (5) Concepts of algebra; equations; inequalities; functions; graphs; polynomial and rational functions; exponential and logarithmic functions; trigonometry; analytic geometry; complex numbers. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

MATH 041: **Trigonometry and Analytic Geometry** (3-4) Straight lines; circles; functions and graphs; graphs of polynomial and rational functions; exponential and logarithmic functions; trigonometry; conic sections. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

MATH 081: **Technical Mathematics I** (3) Algebraic expressions, equations, systems of equations, trigonometric functions, graphs, solution of triangles, vectors. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

MATH 082: **Technical Mathematics II** (3) Exponents, radicals, complex numbers, theory of equations, inequalities, half angle and double angle formulas, inverse trigonometric functions, exponential, logarithm, conic sections. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

MATH 083: **Technical Calculus** (4) Limits, derivatives of algebraic functions, implicit differentiation, related rates, applied extrema problems, curve sketching, integration, numerical integration, applications of integration, integration techniques, differential equations. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

MATH 140: **Calculus With Analytic Geometry I** (4) Functions, limits; analytic geometry; derivatives, differentials, applications; integrals, applications. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST**
PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.

MATH 141: Calculus with Analytic Geometry II (4) Derivatives, integrals, applications; sequences and series; analytic geometry; polar coordinates. **HIGH SCHOOL DUAL ENROLLMENT STUDENTS MUST PASS A PLACEMENT EXAMINATION IN ORDER TO SCHEDULE THIS COURSE. PLACEMENT IS NOT GUARANTEED FOR THIS OR ANY OTHER COURSE.**

**Arts (GA)**

ART 001: Introduction to the Visual Arts (3) Introduction to the media, elements, function, making, and meaning of visual arts today and in diverse historical and cultural contexts.

ART 002: Interactive Learning and Web-Design (3) Introduce students to research on-line, preparing verbal, visual and other elements for presentation of outcomes and posting them to the Internet.


ART 010: Introduction to Visual Studies (3) Introduction to visual studies; pictorial space and the principles of visual organization.

ART 017: Introduction to Metal Arts (3) Introduction for non-art majors to fundamental jewelry making and small-scale metalsmithing processes including fabrication, surface treatment, and finishing of metalwork.

ART 020: Introduction to Drawing (3) Introductory experience in making of art through drawing media; designed for non-majors seeking general overview of studio practice.

ART 030: Introduction to Sculpture (3) Introduction to sculpture for non-art majors consisting of lectures/basic studio work coordinated to cover broad range of processes.

ART 040: Introduction to Printmaking (3) Instruction and practice in elementary printmaking and papermaking processes.

ART 050: Introduction to Painting (3) Introductory experience in making of art through painting media; designed for non-majors seeking a general overview of studio practice.

ART 080: Introduction to Ceramics (3) Introduction to the concepts and techniques fundamental to the making of pottery and ceramic sculpture.

ART 100: Concepts and Creation in the Visual Arts (3) A study of the personal and cultural foundations of artistic creation and practice of creative production in the art studio.

ART 101: Introduction to Web Design (3) A beginning level course in Web Design, with emphasis on designing with standards to assure accessibility and effective communication.

ART 165: Artistic Concepts of Space (3) A studio course that utilizes lecture and varied media experiences to investigate space as artistic expression.
ART 166: **Artistic Concepts of Form** (3) A studio course that utilizes lecture and varied media experiences to investigate form in artistic expression.

ART 168: **The Digital Medium** (3) A studio course where the computer is introduced as an artistic media.

ART H 001: **First-Year Seminar** (3) An introduction to the field of art history, through an examination of a selected issue in a seminar setting.

ART H 100: **Introduction to Art** (3) An approach to the understanding of art through a critical analysis of selected works of architecture, painting, and sculpture. Students who have passed ART H 110 may not schedule this course.

ART H 111: **Ancient to Medieval Art** (3) Survey of Ancient Egyptian, Greek, Roman, Byzantine, Early Medieval, Romanesque, and Gothic art, with an emphasis on sculpture and painting.

ART H 112: **Renaissance to Modern Art** (3) Survey of Renaissance, Baroque, Rococo, Romantic, Modern, and Contemporary art, with an emphasis on painting, sculpture, and graphic arts.

ART H 120: **Asian Art and Architecture** (3) A selective overview of the art and architecture of India, Southeast Asia, China, Korea, and Japan.

ART H 130: **African, Oceanic, and Native American Art** (3) A selective overview of the history of African, Oceanic, and Native American art.

ART H 140: **Introduction to Pre-Columbian Art and Architecture** (3) This course examines the artistic and architectural production of Pre-Columbian Mesoamerica and the Andes.

COMM 150: **The Art of the Cinema** (3) The development of cinema to its present state; principles of evaluation and appreciation; examples from the past and present.

ENGL 050: **Introduction to Creative Writing** (3) Practice and criticism in the reading, analysis and composition of fiction, nonfiction and poetry writing.

GD 100: **Introduction to Graphic Design** (3) A beginning level graphic design course. Instruction touches on the practice, theories, history and processes of the graphic design industry.

INART 001: **The Arts** (3) Develop critical perception, knowledge, and judgments through an examination of the basic concepts common among the arts.

INART 003: **Reception of the Arts** (3) This course considers how art uses time, space, and causality to define culture and the human condition.

INART 005: **Performing Arts** (3) Introduction to music, dance, and theatre. Orientation to the aesthetics, theory, and practice of professional performance.

INART 010: **The Popular Arts in America: Mass Media Arts** (3) An introduction to the arts of the mass media with emphasis on how film, radio, television, and the print media influence and reflect society.
INART 015: The Popular Arts in America: Performing Arts (3) The development of the performing arts of American popular culture; emphasis on popular music, dance, theatre, and variety arts.

INART 055: History of Electroacoustic Music (3) A history of electroacoustic music as a consequence of developments in culture and technology from 1880 to present.

INART 062: West African and African American Arts: from the 1960s to the present (3) An introduction to West African and African American Arts from the 1960s to the present.

INART 100: Seminar in Integrative Arts (3) A study of various arts with emphasis on comparison, contrast, and other aspects of interrelation. Topics will change each semester.

INART 110: The Dramatic Arts in the Mass Media (3) The place of television-radio-film drama in our culture; relationship with other art forms; standards of evaluation.

INART 115: The Popular Arts in America: Popular Music (3) An examination of the roots, development, and significance of popular music in our culture.

INART 116: The Popular Arts in America: The History of Rock and Roll-The 1950s (3) This course examines the roots, development, and significance of rock and roll music in its first decade.

INART 125: The Popular Arts in America: The History of Rock and Roll - Punk Rock (3) An examination of the roots, development, and significance of punk rock in our culture.

MUSIC 004: Film Music (3) An introductory examination of music's role in Hollywood narrative film from the classic era (1930s and 1940s) to the present.

MUSIC 005: An Introduction to Western Music (3) A general survey of art music in western society, highlighting important composers and stylistic developments.

MUSIC 007: Evolution of Jazz (3) Study of the origins and development of jazz as an art form.

MUSIC 009: Introduction to World Musics (3) An overview of the music of India, China, Japan, Indonesia, Africa, and the Middle East.

PHOTO 100: Introduction to Photography (3) An introduction to the aesthetics, history, and science of photography including practical and critical approaches to the art of photography.

THEA 100: The Art of the Theatre (3) An experiential survey of all aspects of the living theatre, as presented by a resident company of theatre artists.

THEA 102: Fundamentals of Acting (3) Introduction to the art and craft of acting for non-theatre majors.

THEA 105: Introduction to Theatre (3) An introduction and overview of the history, craft, and art of the theatre to foster an informed appreciation of theatrical events. This course is an alternate to THEA 100.

**Humanities (GH)**
AM ST 050: **The Literature and Lore of Mining** (3) Experience and values of mining tradition: survey of the literature and lore, including field research.

AM ST 083: **First-Year Seminar in American Studies** (3) Critical approaches to the interdisciplinary study of American culture.

AM ST 100: **Introduction to American Studies** (3) A study of selected attempts to identify and interpret movements and patterns in American culture.

AM ST 103: **American Masculinities** (3) Introduction to aspects of masculinities and manhood in America.

AM ST 104: **Women and the American Experience** (3) Selected aspects of the role of women in United States history and culture from colonial to modern times.

AM ST 105: **American Popular Culture and Folklife** (3) Survey of popular culture, folklife, and ethnicity, synthesizing material from such areas as literature, media, entertainment, print, music, and film.

AM ST 135: **Alternative Voices in American Literature** (3) United States writers from diverse backgrounds offering varying responses to issues such as race, class, gender, and ethnicity.

AM ST 140: **Religion in American Life and Thought** (3) The function, contributions, tensions, and perspectives of religion in American culture.

AM ST 196: **Introduction to American Folklore** (3) A basic introduction to verbal and non-verbal folklore stressing the basic procedures of collection, classification, and analysis.

CAMS 001: **Greek and Roman Literature** (3) Selected readings within a chronological and thematic context of significant and influential masterworks of Greece and Rome.

CAMS 004: **Jewish and Christian Foundations** (3) Introduction to the perspectives, patterns of worship, morality, historical roots, and institutions of the Judaeo-Christian traditions; their relationships to culture.

CAMS 005: **Ancient Mediterranean Civilizations** (3) Survey of the history and cultures of ancient Mediterranean civilizations in Mesopotamia, Egypt, Syro-Levant, Anatolia, Greece, and Rome.

CAMS 010: **Mesopotamian Civilization** (3) Cultural, technological, literary, political, and economic achievements of peoples who occupied the region of Mesopotamia (4,000-331 B.C.E.), in historical context.

CAMS 012: **Lands of the Bible** (3) Textual and archaeological evidence for the lands, cities, and peoples associated with the Hebrew Bible and Christian scriptures.

CAMS 015: **Wonders of the Ancient World** (3) Overview of ancient world by focusing on the famed "Seven Wonders" and similar achievements from 3000 B.C.E.-1st Century C.E.

CAMS 020: **Egyptian Civilization** (3) The culture, history, literature, and archaeology of ancient Egypt from the dawn of history to the Greco-Roman period.
CAMS 025: **Greek Civilization** (3) The origin and development of the ancient Greek people; their political and social institutions, public and private life.

CAMS 033: **Roman Civilization** (3) Origin of the Romans; sociopolitical development; food, homes, education, marriage, family life, amusements, private and public worship.

CAMS 044: **Ancient Near Eastern and Egyptian Mythology** (3) Survey of major ancient Mediterranean myths, gods, and goddesses in their cultural contexts; influence on later cultures.

CAMS 045: **Classical Mythology** (3) Introduction to Greek and Roman divinities, heroes and heroines; survey of the major myths and their influence on Western culture.

CAMS 050: **Words: Classical Sources of English Vocabulary** (3) An introduction to English word forms stressing the most frequently occurring Latin and Greek elements and their derivatives.

CAMS 070: **Prophecy: The Near East Then and Now** (3) Prophecy in the ancient Near East, the ancient Jewish and Christian traditions, and today.

CAMS 083: **First-Year Seminar in Classics and Ancient Mediterranean Studies** (3) Critical approach to the study of ancient Mediterranean languages, literatures, and/or material cultures.

CAMS 090: **Archaeology of Jerusalem: Past and Present** (3) Archaeology and history of Jerusalem from earliest times (c. 3000 BCE) to the present.

CAMS 105: **History of the Ancient Near East** (3) History of the Ancient Near East from the end of the Neolithic to the Hellenistic period.

CAMS 109: **Writing Systems of the World** (3) Writing intensive overview of the world's writing systems throughout history.

CAMS 115: **Literature of the Ancient Near East** (3) Reading and study of literary works from the Ancient Near East, especially from Mesopotamia and Ancient Egypt.

CAMS 140: **Classical Archaeology--Ancient Greece** (3) Literary sources and material evidence for society; culture of the inhabitants of Greece in ancient times.

CAMS 150: **Classical Archaeology--Ancient Rome** (3) Literary sources for the development of Roman civilization in relation to the relevant archaeological discoveries.

CAMS 180: **Ancient Warfare** (3) Historical survey of the evolution of warfare in the ancient Mediterranean region from prehistoric times to the Later Roman Empire.

CAS 084: **First-Year Seminar in Communication Arts and Sciences** (3) Introduction to significant issues surrounding effective human communication; humanities emphasis.

CAS 175: **Persuasion and Propaganda** (3) An introductory examination of how symbols have been used to create belief and action in revolutionary, totalitarian, and democratic settings.
CMLIT 001: **Introduction to Western Literatures Through the Renaissance** (3) Introductory comparative survey of European and American literatures of Ancient through Renaissance periods, considering genre, themes, cultural and literary values.

CMLIT 002: **Introduction to Western Literatures Since the Renaissance** (3) Introductory comparative survey of European and American literatures, post-Renaissance through Modern, considering genre, themes, cultural, and literary values.

CMLIT 003: **Introduction to African Literatures** (3) Comparative analysis of drama, essay, novel, poetry, and stories from traditional oral forms to contemporary expressions of African literary styles.

CMLIT 004: **Introduction to Asian Literatures** (3) Comparative interpretations of narrative, drama, lyric, and other writings from East Asia and other regions, viewed as world literature.

CMLIT 005: **Introduction to Literatures of the Americas** (3) Comparative interpretation of the oral and written literary traditions of North, Central, and South America.

CMLIT 006: **Philosophy and Literature in Western Culture** (3) Explores fundamental issues of human existence through the traditions of western literature and philosophy.

CMLIT 010: **World Literatures** (3) The development of literature around the world--from epic, legend, lyric, etc. in the oral tradition to modern written forms.

CMLIT 011: **The Hero in World Literature** (3) The figure of the hero/heroine examined in world literature as a vehicle for expressing social and cultural values.

CMLIT 012: **Introduction to World Drama and Performance** (3) The power, ethics, and excitement of drama and related forms of performance literature, presented in a global and comparative context.

CMLIT 013: **Virtual Worlds: Antiquity to the Present** (3) Virtual worlds from ancient to postmodern, in a comparative and global context that includes literature, film, and online multiplayer games.

CMLIT 083: **First-Year Seminar in Comparative Literature** (3) International topics in literature and culture; each seminar will have a specific topic as announced (see the Comparative Literature Web site).

CMLIT 100: **Reading Across Cultures** (3) Comparative approaches (studying international literary periods, themes, genres, etc.) and principles of literary interpretation introduced through readings representing various cultures.

CMLIT 101: **Race, Gender, and Identity in World Literature** (3) Identity and race, gender and heritage, centrality and marginality, self and other, as expressed in literary works from around the world.

CMLIT 105: **The Development of Literary Humor** (3) Literary humor expressed as satire, comedy, and farce--from ancient times to the present--in an international and multicultural context.

CMLIT 106: **The Arthurian Legend** (3) The growth and development of the legend of King Arthur, from medieval Europe to modern Japan.
CMLIT 107: Exploration, Travel, Migration, and Exile (3) An international selection of journey narratives, from the real to the imaginary; travel narratives as critiques of self and society.

CMLIT 108: Myths and Mythologies (3) World mythology: myths primarily of non-Western cultures, based on selected areas and traditions around the world.

CMLIT 109: Native American Myths, Legends, and Literatures (3) Myths, legends, and literatures of Native American cultures.

CMLIT 111: Introduction to Literatures of India (3) Narrative, lyric, religious, oral, and dramatic literature, as well as film from India studied in translation from a global perspective.

CMLIT 120: The Literature of the Occult (3) Important literary works dealing with witchcraft, demonology, vampirism, ghosts, and related concepts, from biblical times to present.

CMLIT 122: Global Science Fictions (3) A study of the relationships between science, literature, and film, from an international and interdisciplinary perspective.

CMLIT 130: Banned Books: International and Comparative Perspectives (3) The world of banned books, their history, and their politics, studied comparatively and internationally.

CMLIT 131: Crime and Detection in World Literature (3) Issues of ethics, truth, justice, and social order as embodied in crime and detective literature, presented in comparative contexts.

CMLIT 132: Nobel Prize Literature (3) Introduction to Nobel Prize winning literature and the culture of the prize in international and historical context.

CMLIT 140: Literature and the Other Arts: International and Comparative Perspectives (3) A comparative, international examination of the relationship between literature and non-literary art forms.

CMLIT 141: Religion and Literature (3) Major religious themes as expressed in literary masterpieces; sacred texts from various cultures read as literature.

CMLIT 142: The Psychology of World Literature (3) A comparative, psychological approach to world literature from the perspectives of writer, narrative, character, and reader.

CMLIT 143: Human Rights and World Literature (3) Human rights violations discussed in tandem with their literary representation, presented in a global and comparative context.

CMLIT 153: International Cultures: Film and Literature (3) Comparison of narrative techniques employed by literature and film in portraying different cultures, topics may vary each semester.

CMLIT 190: Literary and Cultural Theory: An Introduction (3) A comparative introduction to literary and cultural theory, and its impact on the study of literature.

CMLIT 191: Introduction to Video Game Culture (3) A comparative, international look at the nature and history of video games as cultural artifacts, from Pong to online role-playing.
COMM 110: **Media and Democracy** (3) This course considers the role of the mass media with regard to developing civic awareness and engagement in democratic societies.

COMM 168: **American Journalism: Values, Traditions, and Practices** (3) This course is designed to give students a broad overview of American journalism, its past, present and future; its traditions, principles and values.

ENGL 001: **Understanding Literature** (3) Explores how major fiction, drama, and poetry, past and present, primarily English and American, clarify enduring human values and issues.

ENGL 002: **The Great Traditions in English Literature** (3) Major works of fiction, drama, and poetry from the Middle Ages to the twentieth century expressing enduring issues and values.

ENGL 003: **The Great Traditions in American Literature** (3) Major works of fiction, drama, and poetry from the colonial to the modern periods expressing enduring issues and values.

ENGL 083S: **First-Year Seminar in English** (3) Critical approaches to the dimensions and directions in English/American literature and rhetoric.

ENGL 088: **Australian/New Zealand Cultural Perspectives** (3) Australian and New Zealand cultural and social perspectives, with emphasis on the historical development of intellectual, aesthetic, and humanistic values.

ENGL 103: **The Great Traditions in American Literature** (3) Major works of fiction, drama, and poetry from the colonial to the modern periods expressing enduring issues and values.

ENGL 104: **The Bible as Literature** (3) Study of the English Bible as a literary and cultural document.

ENGL 129: **Shakespeare** (3) A selection of the major plays studied to determine the sources of their permanent appeal. Intended for non-majors.

ENGL 130: **Reading Popular Texts** (3) Popular texts (printed, visual, and aural texts) and their social, political, and cultural significance in the contemporary world.

ENGL 133: **Modern American Literature to World War II** (3) Cather, Eliot, Frost, Faulkner, Fitzgerald, Hemingway, Hurston, Wharton, Wright, and other writers representative of the years between the world wars.

ENGL 134: **American Comedy** (3) Studies in American comedy and satire, including such writers as Mark Twain, Faulkner, Vonnegut, Ellison, O’Connor, Welty, and Heller.

ENGL 135: **Alternative Voices in American Literature** (3) United States writers from diverse backgrounds offering varying responses to issues such as race, class, gender, and ethnicity.

ENGL 136: **The Graphic Novel** (3) The graphic novel as a literary and visual form (produced primarily in English).
ENGL 139: **Black American Literature** (3) Fiction, poetry, and drama, including such writers as Baldwin, Douglass, Ellison, Morrison, and Wright.

ENGL 140: **Contemporary Literature** (3) Writers such as Baldwin, Beckett, Bellow, Ellison, Gordimer, Lessing, Lowell, Mailer, Naipaul, Pinter, Plath, Pynchon, Rushdie, and Walker.

ENGL 145: **Modern Irish Literature** (3) Irish literature in the twentieth century and beyond; focus on the interplay of political, social, and cultural forces on literature.

ENGL 180: **Literature and the Natural World** (3) Literary representations of the natural world, focusing on English language traditions.

ENGL 181: **Adventure Literature: VARIOUS TOPICS** (4.5)

ENGL 182: **Literature and Empire** (3) Literature written in English from countries that were once part of European empires, e.g., India, Canada, South Africa, and others.

ENGL 184: **The Short Story** (3) Lectures, discussions, readings in translation, with primary emphasis on major writers of the nineteenth and twentieth centuries.

ENGL 185: **World Novel** (3) Development of the modern novel in the last century (outside the British Isles and the United States); lectures, discussions, readings in translation.

ENGL 189: **Modern Drama** (3) Playwrights who set the world's stage for twentieth-century drama; issues that continue to shape the contemporary theatrical world.

ENGL 191: **Science Fiction** (3) Science fiction as the literature of technological innovation and social change—its development, themes, and problems.

ENGL 192: **The Literature of Fantasy** (3) Literature(s) of fantasy from early forms through a variety of contemporary traditions.

ENGL 194S: **Women Writers** (3) Short stories, novels, poetry, drama, and essays by English, American, and other English-speaking women writers.

ENGL 196: **Introduction to American Folklore** (3) A basic introduction to verbal and nonverbal folklore stressing the basic procedures of collection, classification, and analysis.

GEOG 122: **The American Scene** (3) Historical perspectives on the social and cultural forces associated with the production of distinctive American landscapes.

HIST 001: **The Western Heritage I** (3) A survey of the Western heritage from the ancient Mediterranean world to the dawn of modern Europe.

HIST 002: **The Western Heritage II** (3) A survey of the Western heritage from the dawn of modern Europe in the seventeenth century to the present.
HIST 003: The American Nation: Historical Perspectives (3) American history from discovery to the present, focusing on both racial, ethnic, and religious differences and shared traditions and ideals.

HIST 005: Ancient Mediterranean Civilizations (3) Survey of the history and cultures of ancient Mediterranean civilizations in Mesopotamia, Egypt, Syro-Levant, Anatolia, Greece, and Rome.

HIST 010: World History I (3) Human origins; early civilizations; major political and intellectual developments on all continents; cultural interrelationships to 1500.

HIST 011: World History II (3) Social, economic, and political evolution of societies and cultures from 1500 to the present.

HIST 012: History of Pennsylvania (3) Chronological and topical survey, emphasizing immigration of diverse ethnic groups and religious, political, economic, and social developments, including industrialization and urbanization.

HIST 020: American Civilization to 1877 (3) An historical survey of the American experience from its colonial beginnings through the Civil War and Reconstruction.

HIST 021: American Civilization Since 1877 (3) An historical survey of the American experience from the emergence of urban-industrial society in the late nineteenth century to the present.

HIST 066: Survey of British History (3) The British Isles and their peoples since the ancient period, emphasizing political, cultural, and intellectual developments and imperial rise and fall.

HIST 100: Ancient Greece (3) Greek world from the earliest Aegean cultures to the death of Alexander the Great and the beginnings of Hellenistic civilization.

HIST 101: The Roman Republic and Empire (3) History of the Roman Republic and Empire from the origins of Rome to the disintegration of the Empire.

HIST 103: The History of Madness, Mental Illness, and Psychiatry (3) This course will examine the ideas that have shaped European and American perceptions of madness, insanity, and mental illness.

HIST 104: Ancient Egypt (3) The history and archaeology of ancient Egypt from the dawn of history to the Greco-Roman period.

HIST 105: The Byzantine Empire (3) Development of Byzantine civilization from the decline of the Roman Empire to the fall of Constantinople.

HIST 107: Medieval Europe (3) Rise and development of the civilization of medieval Europe from the decline of Rome to 1500.

HIST 108: The Crusades: Holy War in the Middle Ages (3) The social and political history of medieval religious warfare in Europe and in the Middle East.

HIST 110: Nature and History (3) A broad introduction to the history of human relationships with nature throughout the world.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 111</td>
<td>American Food System: History, Technology, and Culture (3)</td>
<td></td>
<td>A cultural analysis of the evolution of U.S. agricultural production and food consumption patterns, the food industry and food marketing.</td>
</tr>
<tr>
<td>HIST 119</td>
<td>Gender and History (3)</td>
<td></td>
<td>Survey of the development of gender roles in Western societies from the prehistoric era to the early modern period.</td>
</tr>
<tr>
<td>HIST 122</td>
<td>History of Science I (3)</td>
<td></td>
<td>A history of science and culture from Stonehenge to the scientific revolution.</td>
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<tr>
<td>HIST 123</td>
<td>History of Science II (3)</td>
<td></td>
<td>A history of science and culture from the scientific revolution to the present.</td>
</tr>
<tr>
<td>HIST 124</td>
<td>History of Western Medicine (3)</td>
<td></td>
<td>This course explores the history of health, illness, and medicine in western society.</td>
</tr>
<tr>
<td>HIST 130</td>
<td>Introduction to the Civil War Era, 1848 through 1877 (3)</td>
<td></td>
<td>Survey of causes and consequences of American Civil War, end of Mexican War in 1848 through end of Reconstruction, 1877.</td>
</tr>
<tr>
<td>HIST 140</td>
<td>Introduction to the British Isles, 1400-1800 (3)</td>
<td></td>
<td>Survey of the history and cultures of the British Isles from 1400 to 1800.</td>
</tr>
<tr>
<td>HIST 141</td>
<td>Medieval and Modern Russia (3)</td>
<td></td>
<td>Introductory survey, including political, social, economic, and cultural development of Kievan, Muscovite, and Imperial Russia.</td>
</tr>
<tr>
<td>HIST 143</td>
<td>History of Fascism and Nazism (3)</td>
<td></td>
<td>The study of right-wing totalitarianism in the twentieth century, with special emphasis on Fascist Italy and Nazi Germany.</td>
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<tr>
<td>HIST 144</td>
<td>The World at War: 1939-1945 (3)</td>
<td></td>
<td>In-depth study of the origins and conduct of World War II. Political and economic aspects as well as military.</td>
</tr>
<tr>
<td>HIST 152</td>
<td>African American History (3)</td>
<td></td>
<td>African roots; colonial and revolutionary experiences; slavery and abolitionism; civil war and reconstruction; accommodation and protest; the new militancy.</td>
</tr>
<tr>
<td>HIST 153</td>
<td>The Indian in North America (3)</td>
<td></td>
<td>A survey of the American Indian from prehistory to the present.</td>
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<tr>
<td>HIST 154</td>
<td>History of Welfare and Poverty in the United States (3)</td>
<td></td>
<td>History of care of the impoverished (emphasis on gender, race, nationality, age of poor, and welfare givers), 18th century to present.</td>
</tr>
<tr>
<td>HIST 155</td>
<td>American Business History (3)</td>
<td></td>
<td>Major developments in the history of business and industry from the colonial period to the present.</td>
</tr>
<tr>
<td>HIST 173</td>
<td>Vietnam in War and Peace (3)</td>
<td></td>
<td>Rise of nationalism and communism; origins of conflict; United States involvement; impact on postwar regional and international politics; contemporary Vietnam.</td>
</tr>
<tr>
<td>HIST 174</td>
<td>The History of Traditional East Asia (3)</td>
<td></td>
<td>Comparative cultural, institutional, and social history of traditional China and Japan to their contact with the industrialized West.</td>
</tr>
<tr>
<td>HIST 175</td>
<td>The History of Modern East Asia (3)</td>
<td></td>
<td>Comparative survey of the internal developments and external relations of China and Japan since their contact with the industrialized West.</td>
</tr>
</tbody>
</table>
HIST 176: Survey of Indian History (3) Survey of cultural, institutional, and political history from ancient times to the present.

HIST 178: Latin-American History to 1820 (3) Conquest of the New World, development of colonial institutions, impact on native cultures, and origins of independence movements.

HIST 179: Latin-American History Since 1820 (3) Origin, political growth, international relations, and economic status of the Latin-American republics, with emphasis upon present-day conditions.

HIST 180: Ancient Warfare (3) Historical survey of the evolution of warfare in the ancient Mediterranean region from prehistoric times to the Later Roman Empire.

HIST 181: Introduction to the Middle East (3) Origins of Islamic civilization; expansion of Islam; the Ottoman Empire; the Middle East since 1918.

HIST 183: Gender, Family, and Society in East Asia (3) Investigates the history of gender, family, love, and sex in East Asia.

HIST 184: Society and Culture in the Pacific War (3) Examines the role of society and culture in the Pacific War's causes, contexts, realities, and aftermath.

HIST 188: Tibet: People, Places and Space (3) This course examines the historical, cultural, and ethnic dimensions of Tibet from the seventh century to the present.

HIST 191: Early African History (3) Explores important economic and cultural transformations in the making of early African empires from 1 MBC to 1750.

HIST 192: Modern African History (3) Impact of the slave trade, expansion of Islam, colonial conquest, social and cultural transformations, resistance, nationalism, and independence.

I HUM 150: World Mythologies in the Arts (3) Interdisciplinary, cross cultural, historical, and contemporary study of world mythologies as represented in the visual arts, literature, and film.

J ST 010: Jewish Civilization (3) Life of the Jewish people from biblical times; emphasizing cultural, religious, and institutional developments.

J ST 083S: First-Year Seminar in Jewish Studies (3) Critical approaches to the history, sociology, and literature of Jewish Studies.


J ST 131: Jewish Literature: An International Perspective (3) Literature of the Jewish tradition in various cultures and contexts, such as Europe, Israel, Islamic countries, and the Americas.

MEDVL 108: Medieval Civilization (3) An interdisciplinary introduction to literature, art, and thought of the Middle Ages.

PHIL 001: Basic Problems of Philosophy (3) Introduction to central philosophical themes, including the mind/body problem, the existence of God, ethical problems, the nature of reality. Students may take only one course for General Education credit from PHIL 001 GH or 004 GH.

PHIL 002: Philosophy, Politics, and Social Theory (3) Examines relations between political and social organizations, the justification and limits of the state, and issues concerning individuality and community.

PHIL 003: Persons, Moral Values and the Good Life (3) Major ethical positions and assumptions regarding questions of freedom, choice, obligation, and conflicts in contemporary moral conduct, values, and reasoning.

PHIL 005: Philosophy, Art, and Film (3) Explores relations between images and reality, representation and culture, and beauty and politics through film, artworks, and aesthetic theories.

PHIL 006: Philosophy and Literature in Western Culture (3) Explores fundamental issues of human existence through the traditions of western literature and philosophy.

PHIL 007: Asian Philosophy (3) Introduction to philosophical, moral, and aesthetic teachings of Asian traditions such as Hinduism, Buddhism (including Zen), Taoism, Confucianism, and Shintoism.

PHIL 009: Philosophy, Race, and Diversity (3) Critically examines the significance of race and cultural diversity for, and in, understandings of reality, knowledge, truth, morality, and justice.

PHIL 010: Critical Thinking (3) Discussion of the validity, soundness, and fallacies of everyday language use and reasoning; informal logic; and manipulative arguments and propaganda.

PHIL 011: Philosophy, Science, and Truth (3) Examines the philosophical foundations of natural scientific inquiry, knowledge, objectivity, and the relation of scientific truth to common sense.


PHIL 014: Philosophy of Love and Sex (3) Explores Western theories and attitudes concerning intimacy and examines various ethical issues involving love and sex.

PHIL 083S: First-Year Seminar in Philosophy (3) Critical introduction to philosophical issues in ethics, social and political theory, religion, art, metaphysics, and epistemology.

PHIL 100: The Meaning of Human Existence (3) Explores differing views of the significance of human life, the meaning of freedom, and the way to a meaningful life.

PHIL 101: Pragmatism and American Philosophy (3) An introduction to American thought and its relation to American culture, with a focus on the development of pragmatism.
PHIL 102: Existentialism and European Philosophy (3) Introduction to European philosophy and issues of life, death, meaning, and absurdity, with a focus on existentialism and its development.

PHIL 103: Introduction to Ethics (3) Ethical theory about virtue, duty, autonomy, and life quality applied to moral problems, including character, violence, oppression, abortion, and suicide.

PHIL 105: Introduction to Philosophy of Law and Legal Ethics (3) Historical and contemporary philosophies of law; concepts of responsibility, property, rights, and justice; and ethical issues in legal practice.

PHIL 106: Introduction to Business Ethics (3) Studies ethical foundations of business and ethical problems in business practices such as advertising, international trade, labor relations, and marketing.

PHIL 107: Introduction to Philosophy of Technology (3) The character of technology; its relation to human values; philosophical assumptions in its development; and how it transforms the world.

PHIL 108: Introduction to Social and Political Philosophy (3) Critical introduction to political authority, rights, justice, community, inequality, power, pluralism, and other contemporary, social, and political issues.

PHIL 109: Introduction to Aesthetics (3) Examines the nature of art and aesthetic experience, art's relation to beauty and truth, and the nature of creativity.

PHIL 110: Introduction to Philosophy of Science (3) Examines science's assumptions about knowledge and reality, the relation between science and culture, and the nature of scientific progress.

PHIL 113: Introduction to Philosophy of Literature (3) Examines philosophical ideas in literature, literary forms in philosophies, style and genre, and relation of philosophy, literature, writing, and culture.

PHIL 115: Introduction to Philosophy and Education (3) Examines the nature and goals of education, the philosophical foundations of educational theories, and their economic, political, and cultural implications.

PHIL 116: Introduction to Philosophy of Social Science (3) Examines the philosophical foundations of the social sciences, focusing on issues of methodology, quantification, objectivity, and value-neutrality.

PHIL 118: Introduction to Environmental Philosophy (3) Considers the moral status of the environment and applies ethical theory to issues such as preservation, hunger, pollution, and sustainability.

PHIL 119: Ethical Leadership (3) Introduction to philosophical theories of ethics and leadership. Uses literary and biographical texts in developing skills of application.

PHIL 122: Introduction to Philosophy of History (3) Examines methodological foundations and interpretations of history, the objectivity of history, and the issue of history as design or chance.

PHIL 123: Introduction to Ethics in Media and Journalism (3) Studies ethical problems, human values, and politics in differing media forms and the ways media shape such problems and values.

PHIL 124: Introduction to Philosophy of Religion (3) Explores the meaning of religious belief and experience, the existence of God, ideas of spirituality, and the question of immortality.
PHIL 125: Introduction to Theories of Knowledge (3) Historical and contemporary views on the foundations and conditions of knowledge, belief, justification, and truth, conception, perception, and interpretation.

PHIL 126: Introduction to Metaphysics (3) Explores the nature of being and reality, the problem of free will and the mind/body problem, identity, and causality.

PHIL 127: Introduction to Philosophy of Mind (3) Problems and concepts of mind and consciousness including mind-brain identification, the nature of subjectivity, identity, and artificial intelligence.

PHIL 129: Introduction to Philosophy of Language (3) Studies the nature of meaning in language, how we acquire language, communication, signs, and language as descriptive of reality.

PHIL 132: Introduction to Bioethics (3) Studies questions of ethics in relation to biotechnology research and implementation, genetic engineering, medicine, animal and human rights.

PL SC 111: Debating the Purpose of Government (3) Students will become acquainted with a variety of political theories and debate their usefulness in considering contemporary political controversies.

RL ST 001: Introduction to World Religions (3) An historical and comparative survey of the principal beliefs and practices of the world’s major religions.

RL ST 003: Introduction to the Religions of the East (3) Religious experience, thought, patterns of worship, morals, and institutions in relation to culture in Eastern religions.

RL ST 004: Jewish and Christian Foundations (3) Introduction to the perspectives, patterns of worship, morality, historical roots, and institutions of the Judaeo-Christian traditions; their relationships to culture.

RL ST 012: Lands of the Bible (3) Textual and archaeological evidence for the lands, cities, and peoples associated with the Hebrew Bible and Christian scriptures.

RL ST 044: Ancient Near Eastern and Egyptian Mythology (3) Survey of major ancient Mediterranean myths, gods, and goddesses in their cultural contexts; influence on later cultures.

RL ST 070: Prophecy: The Near East Then and Now (3) Prophecy in the ancient Near East, the ancient Jewish and Christian traditions, and today.

RL ST 0835: First-Year Seminar in Religious Studies (3) Critical approaches to the dimensions and directions in Religious Studies.

RL ST 090: Archaeology of Jerusalem: Past and Present (3) Archaeology and history of Jerusalem from earliest times (c. 3000 BCE) to the present.

RL ST 101: Comparative Religion (3) Comparative or historical analysis of religious factors—worship, theology, ethics, scriptures, etc., in two or more religious traditions.

RL ST 102: Canaan and Israel in Antiquity (3) Political, social, and intellectual history of the land of Canaan/Israel in the Biblical era: Late Bronze and Iron Ages.
RL ST 103: **Introduction to Hinduism** (3) Historical development of Hinduism to the present.

RL ST 104: **Introduction to Buddhism** (3) A general survey of the basic doctrine, practice, and historical development of Hinayana and Mahayana Buddhism.

RL ST 105: **Buddhism in the Western World** (3) A general survey of the development of Buddhism as a religious tradition in the West, focusing especially on America.

RL ST 106: **Mysticism** (3) A survey of the history, philosophy, and cultural impact of various mystical traditions in relation to world religions.

RL ST 107: **Introduction to Islam** (3) Community and message of the early movement; development of authoritative structures and traditions; proliferation of sects; theology and creeds; mysticism.

RL ST 108: **Muhammad and the Qur'an** (3) History of the Qur'an and its interpretation by the early Muslim community; life of Muhammad and his role within Islam.

RL ST 110: **Hebrew Bible: Old Testament** (3) Introduction to the history, literature, and religion of ancient Israel.

RL ST 111: **Early Judaism** (3) Religious thought, practices, and parties in the Second Temple period; the emergence of rabbinic Judaism.

RL ST 114: **Modern Judaism** (3) Trends in Jewish life and thought since the French revolution; Judaism’s responses to the challenge of modernity.

RL ST 115: **American Jewish History and Culture** (3) Examination of the history, culture, social tensions, and contributions of Jews and Judaism in America.

RL ST 116: **Muslims in America** (3) This course is a study of Muslims from multiple racial, cultural, and national perspectives; it explores what it means to be a Muslim in America.


RL ST 124: **Early and Medieval Christianity** (3) Analysis in cultural context of selected thinkers, ideas, and movements in Christianity from the second through the fifteenth century.

RL ST 125W: **Modern Christianity** (3) Analysis in cultural context of selected thinkers, ideas, and movements in Christianity from the sixteenth century to the present.

RL ST 130: **The Ethics of Western Religion** (3) History of theological-social ethics of the Judaeo-Christian tradition.

RL ST 133: **Archaeology of the Levant and Ancient Israel** (3) Archaeology of the Levant and Ancient Israel to c. 1000 B.C.E.; relationship between archaeological and textual evidence.
RL ST 134: **Archaeology of Biblical Israel** (3) Archaeology of Biblical Israel from 1200 B.C.E. to c. 640 C.E.; relationship between archaeological and textual evidence.

RL ST 145: **African American Religion** (3) History and significance of the religious dimension of the Black American struggle for equality from enslavement to the contemporary period.

RL ST 146: **The Life and Thought of Martin Luther King, Jr.** (3) A survey of the civil rights leader including his religious beliefs, intellectual development, and philosophy for social change.

RL ST 147: **The Life and Thought of Malcolm X** (3) The life of Malcolm X/El Hajj Malik El Shabazz (1925-1965) and his social, political, economic, and moral thought.

WMNST 003: **Introduction to Women, the Humanities, and the Arts** (3) Interdisciplinary consideration of primary works and scholarship pertaining to women in the humanities and the arts.

WMNST 008: **Philosophy and Feminism** (3) Explores diverse feminist philosophies of culture and knowledge, and examines gender's role in accounts of reality, truth, morality, and justice.

WMNST 083: **First-Year Seminar in Women's Studies** (3) Critical approaches to the dimensions and directions in Women's Studies.

WMNST 101: **The African American Woman** (3) The sociological, historical and political experiences of African American women, their roles and contributions to society.

WMNST 102: **Women of Color: Cross-Cultural Perspective** (3) Global examination of value systems of women of color; attention to minority ethnic groups in the United States and developing countries.

WMNST 104: **Women and the American Experience** (3) Selected aspects of the role of women in United States history and culture from colonial to modern times.

WMNST 106: **Representing Women and Gender in Literature, Art and Popular Cultures** (3) Interdisciplinary consideration of primary works and scholarship pertaining to women in the humanities and the arts.

WMNST 117: **Women in Modern History** (3) Modernization and women: changing images and roles since mid-eighteenth century in the family, workshop, politics, society. Cross-cultural comparisons.

WMNST 137: **Women and Religion** (3) Jewish and Christian religious views on womanhood; thought and lives of important religious women; and feminist understandings of these.

WMNST 166: **History of Sexuality** (3) Discusses the ideas, practices, and identities surrounding sexuality over several centuries in a variety of contexts, focusing primarily on the US.

WMNST 194: **Women Writers** (3) Short stories, novels, poetry, drama, and essays by British, American, and other English-speaking women writers.
Social and Behavioral Science (GS)


AAA S 110: Introduction to Contemporary Africa (3) Consideration of influences and forces shaping modern African society; analysis of current local and global problems and issues facing Africa.


AFR 110: Introduction to Contemporary Africa (3) Consideration of influences and forces shaping modern African society; analysis of current local and global problems and issues facing Africa.

ANTH 001: Introductory Anthropology (3) Prehistoric and traditional peoples and cultures; traditional customs and institutions compared with those of modern society.

ANTH 002: Introduction to Archaeology (3) Survey of basic approaches used by archaeologists to interpret basic prehistoric human cultural patterns.

ANTH 008: Aztecs, Mayas, and Incas (3) Comparative survey of the development of the pre-Columbian Latin American civilizations.

ANTH 009: Rise of Civilization in the Old World (3) Evolution of Old World complex societies, especially the first great civilizations of Mesopotamia, Egypt, China, and the Indus Valley.

ANTH 011: Introductory North American Archaeology (3) Introduction to archaeology of the North American Indians; sites, methods, and results of research interpreted in cultural history.

ANTH 045: Cultural Anthropology (3) Beginnings of human culture; economic life, society, government, religion, and art among traditional peoples.

ANTH 083S: First-Year Seminar in Anthropology (3) This seminar introduces students to anthropology as a scientific discipline with ties to other social and natural sciences.

ANTH 146: North American Indians (3) An introduction to the cultures of the indigenous peoples of North America, north of Mexico, and the effect of contact.

BA 100: Introduction to Business (3) A comprehensive view of the contemporary environment of business.

CAS 083S: First-Year Seminar in Speech Communication (3) Introduction to major theoretical, critical, research and pedagogical issues in human communication.

CAS 100: Introduction to Human Communication (3) Introduction to major theoretical, critical, research and pedagogical issues in human communication.

COMM 118: Introduction to Media Effects (3) Examination of individuals' selection, uses and perceptions of media and the effects of media on individuals' attitudes, beliefs, and behaviors.

COMM 180: Survey of Electronic Media and Telecommunications (3) The development of electronic media and telecommunications, emphasizing social, economic, political and global impact.

COMM 190: Gaming and Interactive Media (3) Introduction to business and social aspects of interactive media, videogame and simulations industries.

CRIM 012: Criminology (3) Explanations and measurements of crime; criminal law; characteristics of criminals and victims; violent property, white-collar, organized, and sexual crimes.

CRIM 100: Introduction to Criminal Justice (3) Overview of the criminal justice system, including legal foundations, processing and correction of offenders, extent and types of crime, victims.

CRIMJ 013: Juvenile Delinquency (3) Juvenile conduct, causes of delinquency, current methods of treatment; organization and function of agencies concerned with delinquency.

CRIMJ 083S: First-Year Seminar in Criminal Justice (3) Critical approaches to issues in criminal justice and criminology.

CRIMJ 100: Introduction to Criminal Justice (3) Overview of the criminal justice system, including legal foundations, processing and correction of offenders, extent and types of crime, victims.

ECON 014: Principles of Economics (3) Analysis of the American economy, emphasizing the nature and interrelationships of such groups as consumers, business, governments, labor, and financial institutions. Students who have passed ECON 002 or 004 or are registered in the College of Business Administration may not schedule this course.

ECON 083S: First-Year Seminar in Economics (3) Experiments in microeconomic principles.

ECON 102: Introductory Microeconomic Analysis and Policy (3) Methods of economic analysis and their use; price determination; theory of the firm; distribution.

ECON 104: Introductory Macroeconomic Analysis and Policy (3) National income measurement; aggregate economic models; money and income; policy problems.

EDPSY 010: Individual Differences and Education (3) Relationships between learner differences and physical, cognitive, language, social, and cultural development; emphasis on ethnicity, gender, special needs; schooling implications.

EDTHP 115: Competing Rights: Issues in American Education (3) An examination of educational issues relevant to democratic citizenship; emphasis is on understanding the relationship among politics, schools, and society.
GEOG 020: Human Geography: An Introduction (3) Spatial perspective on human societies in a modernizing world; regional examples; use of space and environmental resources; elements of geographic planning.

GEOG 030: Geographic Perspectives on Sustainability and Human-Environment Systems (3) Introduction to theory, methods, history and contemporary issues in global and regional relationships between human activity and the physical environment.

GEOG 040: World Regional Geography (3) Introduction to the world as an interdependent community built from unique and independent regions and nations.

GEOG 120: Urban Geography: A Global Perspective (3) Introduction to the geography of the world's cities and urban system.

GEOG 123: Geography of Developing World (3) Patterns of poverty in poor countries; conventional and non-conventional explanations; focus on solutions; case studies of specific regions.

GEOG 124: Elements of Cultural Geography (3) Locational analysis of changes in non-Western cultures. Problems of plural societies, economic development, population growth, and settlement.

GEOG 126: Economic Geography (3) The geographic location and organization of economic activities and outcomes at global, national, regional, and local scales.

GEOG 128: Geography of International Affairs (3) Contemporary international affairs in their geographical setting; geographic elements in the development of national power, political groupings, and international disputes.

GEOG 130: Environment, Power, and Justice (3) This course explores contemporary themes in human-environment relations through the lens of political ecology.

GEOG 160: Mapping Our Changing World (3) Fundamental concepts of GIS, cartography, remote sensing, and GPS in the context of environmental and social problems.

HD FS 129: Introduction to Human Development and Family Studies (3) Introduction to psychosocial and family development at all stages of the individual and family life cycle. Students may take only one course for General Education credit from SOC 030 or HD FS 129. Student may take only one course for General Education credits from HD FS 129 GS or SOC 030 GS.

HIST 116: Family and Sex Roles in Modern History (3) Historical perspectives on the Western family since 1500: gender roles, marriage, sexuality, child rearing, and old age; emphasis on United States.

HIST 120: Europe Since 1848 (3) Political, social, and ideological developments; origin and impact of two World Wars; totalitarianism and democracy; changing role in the world.

HIST 142: History of Communism (3) Marxism; Leninism and evolution of the Soviet Union; formation and development of the Communist bloc; impact of Chinese Communism.

HIST 151: Technology and Society in American History (3) Development of technology in America from colonial times; its reception and its influence on social, economic, and political life.
IST 110: Information, People and Technology (3) The use, analysis and design of information systems and technologies to organize, coordinate, and inform human enterprises.

PL SC 001: Introduction to American National Government (3) Introduction to development and nature of American political culture, constitutional/structural arrangements, electoral/policy processes; sources of conflict and consensus.

PL SC 003: Introduction to Comparative Politics (3) Introduction to study of comparative government and politics: normative/empirical theories; government functions in modern societies; representative structures and processes.

PL SC 007: Contemporary Political Ideologies (3) Critical analysis of contemporary political ideologies such as liberalism, conservatism, socialism, anarchism, fascism, feminism, and environmentalism.

PL SC 014: International Relations (3) Characteristics of modern nation-states and forces governing their international relations; nationalism; imperialism; diplomacy; current problems of war and peace. Credit will not be given for both this course and INT U 200.

PL SC 017: Introduction to Political Theory (3) Introduction to basic issues in political theory through analysis of selected major political thinkers.

PL SC 020: Comparative Politics--Western Europe (3) Comparative analysis of political cultures, interest groups, parties, and decision-making processes in principal Western European political systems.

PL SC 022: Politics of the Developing Areas (3) The impact of colonialism, nationalism, and development policy on the political culture, structure, and transformation of post-colonial regimes.

PL SC 083S: First-Year Seminar in Political Science (3) Exploration of current topics of interest in political science, international relations, and/or political theory.

PL SC 110: Rights in America (3) This course explores the historical and contemporary struggles of particular groups within American society to expand their rights.

PL SC 123: Ethnic and Racial Politics (3) Political movements among United States ethnic and racial groups; government policies on race and ethnicity; comparison to other culturally diverse countries.


PL SC 135: The Politics of the Ecological Crisis (3) The political implications of the increasing scarcity of many of the world’s resources.

PL SC 140: Contemporary Controversies in International Relations (3) Contemporary issues of international security presented rigorously using analytical tools of international relations and political science.
PL SC 177: Politics and Government in Washington DC (1-3) The course centers on a Spring Break trip to Washington DC, with students meeting on campus before and after the trip.

PSYCH 083S: First-Year Seminar in Psychology (3) Scientific, societal, and individual implications of contemporary psychological theory.

PSYCH 100: Introductory Psychology (3) Introduction to general psychology; principles of human behavior and their applications.

SOC 001: Introductory Sociology (3) The nature and characteristics of human societies and social life. Students may take only one course for General Education credit from SOC 001 GS or R SOC 011 GS.

SOC 003: Introductory Social Psychology (3) The impact of the social environment on perception, attitudes, and behavior.

SOC 005: Social Problems (3) Current social problems such as economic, racial, and gender inequalities; social deviance and crime; population, environmental, energy, and health problems.

SOC 015: Urban Sociology (3) City growth and decline; impact of city life on individuals, families, neighborhoods, and government; urban life-styles.

SOC 023: Population and Policy Issues (3) Local, national, and international population trends; basic techniques of demographic analysis; population problems; implications for public planning and policy.

SOC 030: Sociology of the Family (3) Family structure and interaction; functions of the family as an institution; cross-cultural comparisons. Students may take only one course for General Education credit from SOC 030 or HD FS 129.

SOC 055: Work in Modern Society (3) The nature of work in varied occupational and organizational settings; current trends and work life in the future.

SOC 060: Society and Cultures in Modern Israel (3) An introduction to the society and cultures of the State of Israel from 1948 to the present.

SOC 083S: First-Year Seminar in Sociology (3) Critical approaches to issues in the structure of society.

SOC 119: Race and Ethnic Relations (4) Historical patterns and current status of racial and ethnic groups; inequality, competition, and conflict; social movements; government policy.

SRA 111: Introduction to Security and Risk Analysis (3) This introductory course spans areas of security, risk, and analysis covering contexts in government agencies and business organizations.

WMNST 001: Introduction to Women's Studies (3) Interdisciplinary consideration of the scholarly theories and research pertaining to women's experiences and women's status in contemporary American society.

WMNST 100: Introduction to Women's and Gender Studies (3) Interdisciplinary consideration of the scholarly theories and research pertaining to women's experiences and women's status in contemporary American society.
WMNST 110: *Sociology of Gender* (3) Changing sex role expectations and behavior for men and women in contemporary society.

WMNST 116: *Family and Sex Roles in Modern History* (3) Historical perspectives on the Western family since 1500: gender roles, marriage, sexuality, child rearing, and old age; emphasis on United States.

**Health and Physical Activity (GHA)**

KINES: Any course 000-199. Credits vary.
High School Dual Enrollment Form

A student registering for the first time at Penn State as an undergraduate non-degree student/high school dual enrollment student must complete and return this form to Penn State Harrisburg’s High School Dual Enrollment Coordinator in the Admissions Office located in the Swatara Building. Enrollment as non-degree/high school dual enrollment student does not imply admission to the University. The student must make a formal application to be considered for admission as an undergraduate degree student.

SECTION 1: Biographic Information
Last Name: ___________________________ First Name: ______________________ Middle Name: ______________________
*Social Security Number: __________________________
Gender: _____ Male _____ Female
Date of Birth: ______________________
Parent is employed by the Pennsylvania State University?   YES_____ NO_____

SECTION 2: Address Information
Home Address
Street 1: __________________________________________
Street 2: __________________________________________
City/State/Zip: ______________________________________
Home Phone Number: ________________________________
Cell Phone Number: _________________________________
E-mail address: ______________________________________
Parent[s] e-mail address: ______________________________________

Emergency Contact Information
Name: ______________________________________ Phone Number: _______ - _______ - __________

SECTION 3: Educational Background: Highest Level of Education (Check One)
Non-High School Graduate __________________________
Currently Enrolled in High School ______________________

High School Name: __________________________
Grade: _____11th _____12th
High School is a participant in Pennsylvania’s dual enrollment grant.   YES_____ NO_____

If yes, I have received approval from my high school counselor as a participant in the dual enrollment grant program?  YES_____ NO_____
Currently enrolled as a home-schooled high school student __________________
Local school district is a participant in Pennsylvania’s dual enrollment grant program.  YES_____ NO_____

If yes, I have received approval from my local school district as a participant in their dual enrollment grant program?  YES_____ NO_____
Are you using this class to fulfill a high school required course for graduation? YES_____ NO_____

If so, please explain __________________________________________

Have you ever enrolled at Penn State?
YES_______ (Date of last enrollment: __________________________) NO _______

Are you currently in an academic drop status from Penn State or any other college or university previously enrolled?
YES_______ NO_______

Are you currently dismissed or suspended from Penn State or any other college or university for disciplinary reasons?
YES_______ NO_______
Have you ever been denied admission to Penn State?
YES_________ NO __________

SECTION 4: Enrollment
Enrollment Request for (Check One): Spring _______ Summer _______ Fall _______ Year _______

SECTION 5: Residency Status
Are you a U.S. Citizen?  YES _______ NO_______ (If no, which of the following statements describes your citizenship status?)
   ____ I am an immigrant (permanent resident) residing in Pennsylvania.
   ____ I am an immigrant (permanent resident) residing in another U.S. state or territory.
   ____ I have a nonimmigrant visa - specific type: __________________________

Are you a legal resident of the Commonwealth of Pennsylvania?
YES, but less than one year____ YES, for more than one year____ NO _______

SECTION 6: Ethnic Background
Federal law requires that institutions of higher education gather the following information regarding the ethnicity and race of their students and employees. Your individual information will be kept strictly confidential. The law only requires institutions to report aggregate totals for each category. Select the appropriate responses regarding your ethnicity and your race.

1. Is your ethnicity Hispanic/Latino-[Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin]?
   a. ___ Yes, Hispanic/Latino/a
   b. ___ No, not Hispanic/Latino/a

2. What is your race-[select one or more]:
   White ___ Black or African American ___ American Indian or Alaska Native ___ Native Hawaiian/Pacific Islander ___ Asian ___ Other ___

SECTION 7: Signature
I have completed all applicable sections of this form and I affirm accuracy of the information provided. Should there be any misinterpretation of the facts on this form, I understand this may be cause of refusal or cancellation of my enrollment.

Student Signature: _____________________________ Date: ________________

Please send reply to:

Penn State Harrisburg
JoVon Hill
Admissions Counselor/H.S. Dual Enrollment Coordinator
777 West Harrisburg Pike
Middletown, PA 17057
717.948.6250

*The social security number (SSN) you provide for enrollment purposes, or when requesting specific services, will be used by the University to verify your identity for official record keeping and reporting. If you choose not to supply your SSN, certain services, such as transcripts, academic verification, tax reporting, financial aid and other services may not be available to you, and Penn State cannot guarantee a complete academic record for you. Your SSN will be stored in a central system and only used for official reporting and record keeping. It will not be used as a primary source to identify you within the Penn State system; the PSU ID will be used as the primary identifier.

S: High School Non degree Dual Enrollment
# Course Registration Sheet

## High School Dual Enrollment

**Student Name:** ____________________________  **Date/Semester:** ____________________________

**High School:** ____________________________  **Counselor Phone:** ( )

**Counselor Name:** ____________________________  **Counselor Email:** ____________________________

**Total # of Courses to be scheduled (8 credit max): _____**

### Select courses in order of preference

<table>
<thead>
<tr>
<th>Schedule #</th>
<th>Section #</th>
<th>Course Name/Title</th>
<th>Meeting Days/Time</th>
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<tbody>
<tr>
<td>123456789</td>
<td>000</td>
<td>High School Dual Enrollment</td>
<td>MWF/800 AM – 910 AM</td>
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******* ******* ALTERNATE SELECTIONS  *******

### IMPORTANT INFORMATION

- High School counselors are responsible for advising and course selections
- Course selections are NOT final
- Students may be asked to select alternate courses
- English 015 requires official SAT scores
- Math and Chemistry selections require a placement examination
- High School Dual Enrollment students are not registered for courses until after August 1st for fall, December 1st for spring, and April 1 for summer

Please forward this completed form by June 1st (fall), November 1st (spring), March 1st (summer) (two weeks earlier for Math and Chemistry) to:

*JoVon Hill*
Admissions Counselor/High School Dual Enrollment Coordinator
Admissions Office
777 West Harrisburg Pike
Middletown, PA 17057
717-948-6325 (FAX)
JLH527@PSU.EDU

### FOR OFFICE USE ONLY

Admissions Checklist:  Penn State Student ID#________________________

- [ ] HIGH SCHOOL DUAL ENROLLMENT APPLICATION
- [ ] HIGH SCHOOL TRANSCRIPT
- [ ] LETTER OF RECOMMENDATION
- [ ] STANDARDIZED TEST SCORES
- [ ] COURSE REGISTRATION SHEET

Advising Checklist:

- [ ] COURSES SCHEDULED
- [ ] PACKET SENT
- [ ] CONFIRMATION TO HIGH SCHOOL COUNSELOR
- [ ] CONSENT FORM SIGNED